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ARBORETUM ET FRUTICETUM BRITANNICUM;

OR,

THE TREES AND SHRUBS OF BRITAIN,

Native and Foreign, Hardy and Half-Hardy,

PICTORIALLY AND BOTANICALLY DELINEATED,
AND SCIENTIFICALLY AND POPULARLY DESCRIBED;

WITH

THEIR PROPAGATION, CULTURE, MANAGEMENT,

AND USES IN THE ARTS, IN USEFUL AND ORNAMENTAL PLANTATIONS, AND IN

LANDSCAPE-GARDENING;

PRECEDED BY A HISTORICAL AND GEOGRAPHICAL OUTLINE

OF THE TREES AND SHRUBS OF TEMPERATE CLIMATES

THROUGHOUT THE WORLD.

BY J. C. LOUDON, F.L. & H.S. &c.

AUTHOR OF THE ENCYCLOPÆDIAS OF GARDENING AND OF AGRICULTURE.

IN EIGHT VOLUMES:

FOUR OF LETTERPRESS, ILLUSTRATED BY ABOVE 2500 ENGRAVINGS;
AND FOUR OF OCTAVO AND QUARTO PLATES.

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VOL. VIII.

THE PLATES FROM CORYLA'CEÆ TO CUPRE'SSINÆ.

SECOND EDITION.

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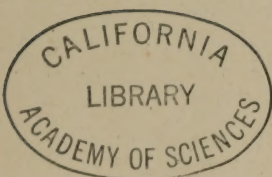
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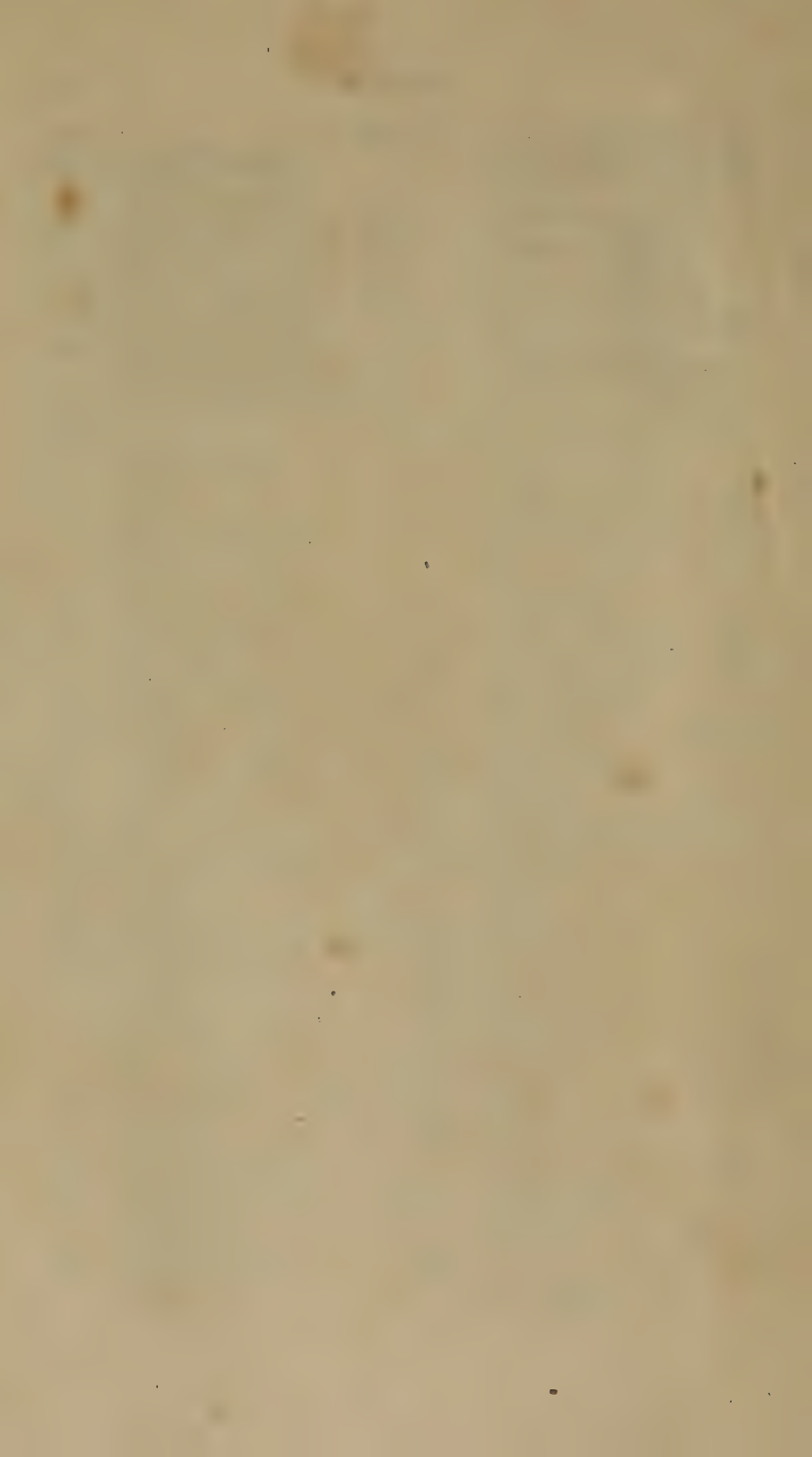
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| 408. | <i>J. phœnicea</i> - -                                   | IV. 2501  |  | 320. | <i>Quercus ambigua</i> -                                   | III. 1881 |
| 409. | <i>J. p.</i> , full-grown tree.                          |           |  | 318. | <i>Q. coccinea</i> - -                                     | III. 1879 |
| 410. | <i>J. virginiana</i> (the Red }<br>Cedar) - - }          | IV. 2495  |  | 319. | <i>Q. c.</i> , full-grown tree.                            |           |
| 411. | <i>J. v.</i> , full-grown tree.                          |           |  | 329. | <i>Q. gramuntia</i> , full- }<br>grown tree - }            | III. 1906 |
|      | Larch. See <i>Larix</i> .                                |           |  | 326. | <i>Q. Ilex</i> (the Evergreen }<br>Oak), full-grown tree } | III. 1899 |
| 394. | <i>Larix americana rubra</i> -                           | IV. 2399  |  | 327. | <i>Q. I. latifolia</i> -                                   | III. 1899 |
| 395. | <i>L. a. r.</i> , full-grown tree.                       |           |  | 328. | <i>Q. I. (angustifolia) lon-</i> }                         | III. 1900 |
| 392. | <i>L. europæa</i> (the com- }<br>mon Larch) }            | IV. 2350  |  |      | <i>gifolia</i> - - }                                       |           |
| 393. | <i>L. e.</i> , large tree.                               |           |  | 322. | <i>Q. palustris</i> -                                      | III. 1887 |
| 353. | <i>Liquidambar Styraciflua</i>                           | IV. 2049  |  | 323. | <i>Q. p.</i> , full-grown tree.                            |           |
| 354. | <i>L. S.</i> , full-grown tree.                          |           |  | 324. | <i>Q. Phellos</i> , 4to -                                  | III. 1894 |
|      | Maidenhair Tree. See                                     |           |  | 325. | <i>Q. Ph. latifolius</i> -                                 | III. 1895 |
|      | <i>Salisburia</i> .                                      |           |  | 313. | <i>Q. Prinus monticola</i> -                               | III. 1873 |
|      | Morinda. See <i>Abies</i>                                |           |  | 312. | <i>Q. Prinus palustris</i> -                               | III. 1872 |
|      | <i>Smithiana</i> .                                       |           |  | 314. | <i>Q. Pr. tomentosa</i> -                                  | III. 1876 |
|      | Oak. See <i>Quercus</i> in                               |           |  | 310. | <i>Q. macrocarpa</i> -                                     | III. 1869 |
|      | preceding list.                                          |           |  | 311. | <i>Q. obtusiloba</i> -                                     | III. 1870 |
| 344. | <i>Ostrya virginica</i> - -                              | III. 2015 |  | 315. | <i>Q. rubra</i> - -                                        | III. 1877 |
| 342. | <i>O. vulgaris</i> (the Hop }<br>Hornbeam) - }           | III. 2015 |  | 316. | <i>Q. r.</i> , full-grown tree, 4to.                       |           |
| 343. | <i>O. v.</i> , full-grown tree.                          |           |  | 317. | <i>Q. r.</i> , winter tree.                                |           |
| 391. | <i>Picea balsamifera</i> (the }<br>Balm of Gilead Fir) } | IV. 2339  |  | 330. | <i>Q. Sûber</i> (the Cork tree }<br>full-grown tree) }     | III. 1911 |
| 388. | <i>P. pectinata</i> (the com- }<br>mon Silver Fir) }     | IV. 2329  |  | 331. | <i>Q. S.</i> , full-grown tree -                           | III. 1913 |
| 389. | <i>P. p.</i> , full-grown tree.                          |           |  | 332. | <i>Q. S. dentatum</i> , full- }<br>grown tree - - }        | III. 1911 |
| 390. | <i>P. p.</i> , full-grown tree.                          |           |  | 321. | <i>Q. tinctoria</i> - -                                    | III. 1884 |
|      | Pinaster. See <i>Pinus</i>                               |           |  | 333. | <i>Q. virens</i> - -                                       | III. 1918 |
|      | <i>Pinaster</i> .                                        |           |  |      | Red Cedar. See <i>Junipe-</i>                              |           |
|      |                                                          |           |  |      | <i>rus virginiana</i> .                                    |           |

| Page |                                     | Page |      | Page |                                    | Page     |
|------|-------------------------------------|------|------|------|------------------------------------|----------|
| 359. | <i>Salisbùria adiantifòlia</i> }    | IV.  | 2094 | 406. | <i>Taxodium distichum</i> }        | IV. 2481 |
|      | (the Ginkgo Tree) }                 |      |      |      | (the Deciduous Cy-                 |          |
| 360. | <i>S. adiantifòlia</i> , full-grown |      |      |      | press)                             |          |
|      | tree.                               |      |      | 407. | <i>T. d.</i> , full-grown tree.    |          |
|      | Scotch Pine. See <i>Pinus</i>       |      |      | 355. | <i>Taxus baccata</i> (the Yew)     | IV. 2066 |
|      | <i>sylvèstris</i> .                 |      |      | 356. | <i>T. b.</i> , tree at Harlington. |          |
|      | Silver Fir. See <i>Picea</i>        |      |      | 357. | <i>T. b.</i> , tree at Darley.     |          |
|      | <i>pectinata</i> .                  |      |      | 358. | <i>T. b. fastigiata</i> -          | IV. 2066 |
|      | Spruce Fir. See <i>Abies</i>        |      |      | 401. | <i>Thuja occidentalis</i> (the     | IV. 2454 |
|      | <i>excèlsa</i> .                    |      |      |      | Arbor Vitæ) - }                    |          |
|      | Stone Pine. See <i>Pinus</i>        |      |      | 402. | <i>T. orientalis stricta</i> -     | IV. 2459 |
|      | <i>Pinea</i> .                      |      |      |      | Weymouth Pine. See                 |          |
|      | Sweet Chestnut. See <i>Cas-</i>     |      |      |      | <i>Pinus Stròbus</i> .             |          |
|      | <i>tanea</i> .                      |      |      |      | Yew. See <i>Taxus</i> .            |          |











*Quercus obtusiloba.*  
The obtuse-lobed-leaved Oak.



11 ft. high, 2 in. diam.





*Quercus Prinus palustris.*  
The Swamp Chestnut Oak.

312



10 ft. high, 3 in. diam.



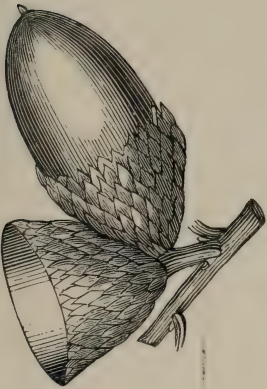




*Quercus Prinus monticola.*  
The Rock Chestnut Oak.



10 ft. high, 2½ in. diam.

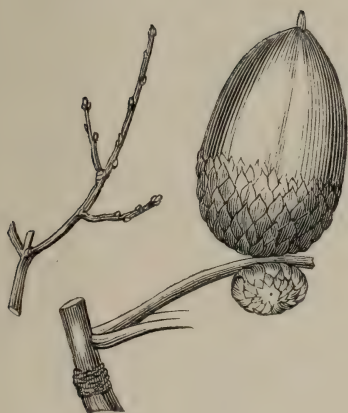




*Quercus Prinus tomentosa.*  
The pubescent Chestnut Oak.



11 ft. high, 3 in. diam.







*Quercus rubra.*

The red Oak.



12 ft. high, 2 in. diam.









Full-grown tree at Syon ; 57 ft. high, diam. of the head 55 ft.  
[Scale 1 in. to 12 ft.]







*Quercus rubra.*

The red, or *Champion*, Oak.



Full-grown tree in the Fulham Nursery ; 40 ft. high.  
[Scale 1 in. to 12 ft.]







18 ft. high, 4 in. diam.

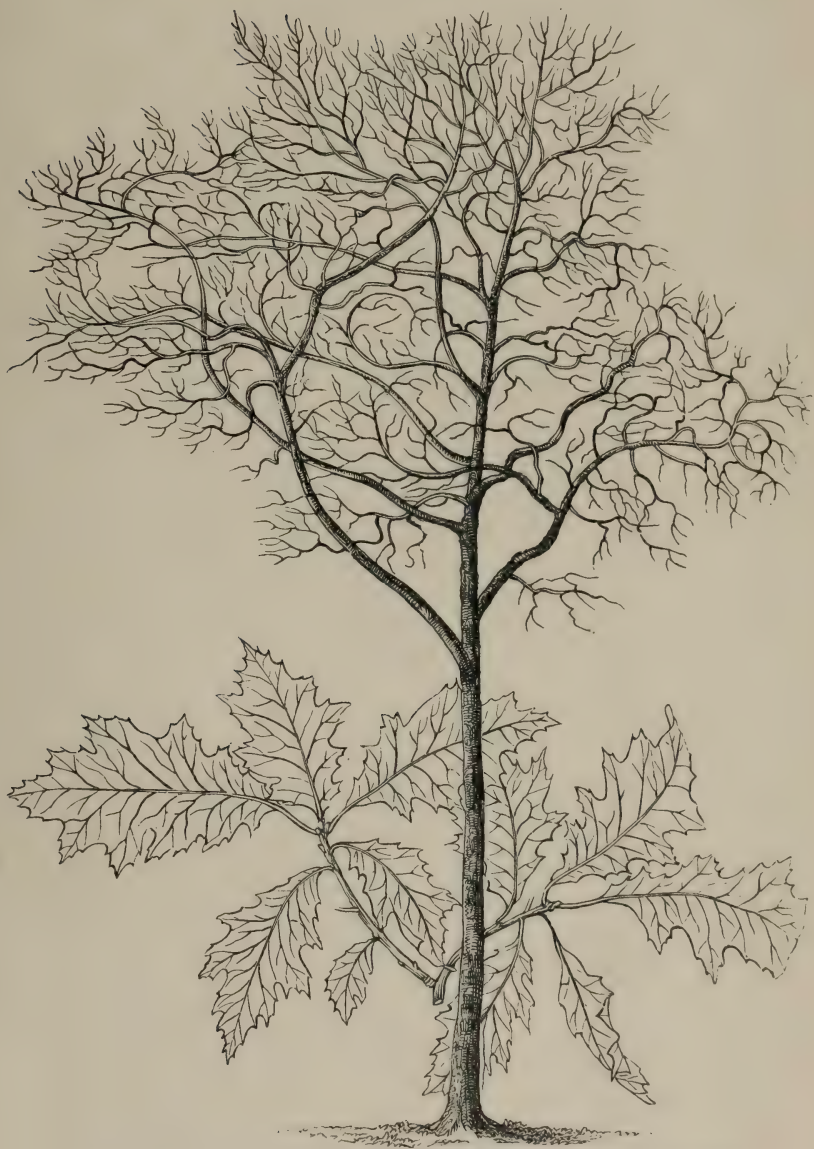






*Quercus coccinea.*

The scarlet Oak.



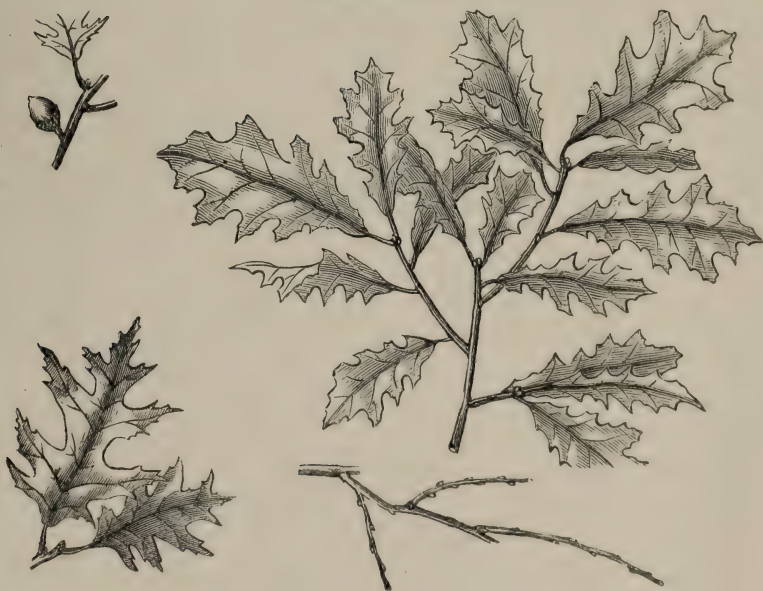
Full-grown tree at Muswell Hill ; 70 ft. high, diam. of the trunk 3 ft., and of the head 45 ft.  
[Scale 1 in. to 12 ft.]



The ambiguous, or grey, Oak.



16 ft. high, 3 in. diam.







The Dyer's, or Quercitron, Oak.

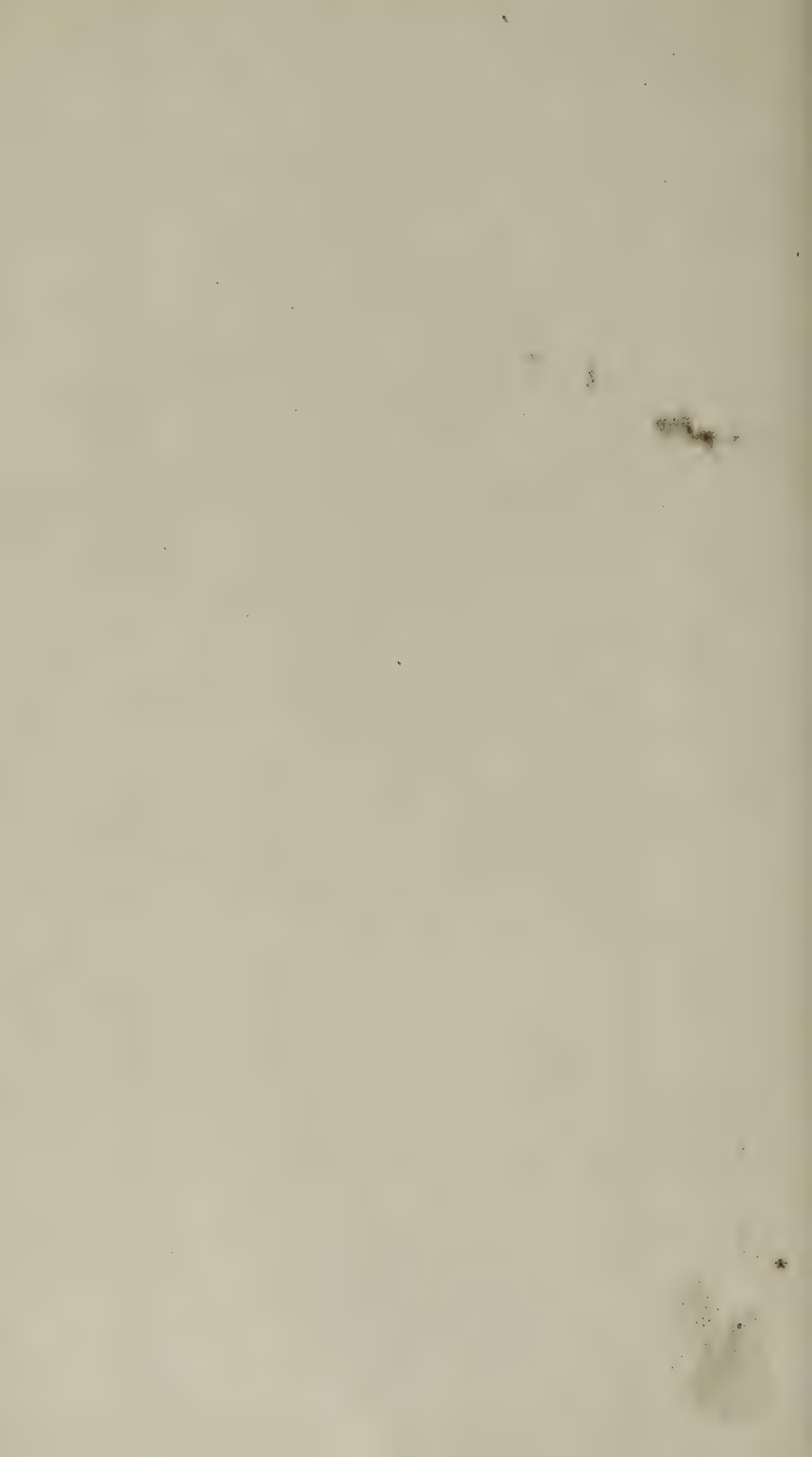


20 ft. high, 4 in. diam.













Full-grown tree at Syon ; 90 ft. high, diam. of the trunk 6 ft., and of the head 48 ft.  
[Scale 1 in. to 12 ft.]





*Quercus Phellos.*

The Phellos, or *Willow-leaved*, Oak.



Full-grown tree at Syon ; 83 ft. high, diam. of the trunk 3 ft., and of the head 61 ft.  
[Scale 1 in. to 12 ft.]



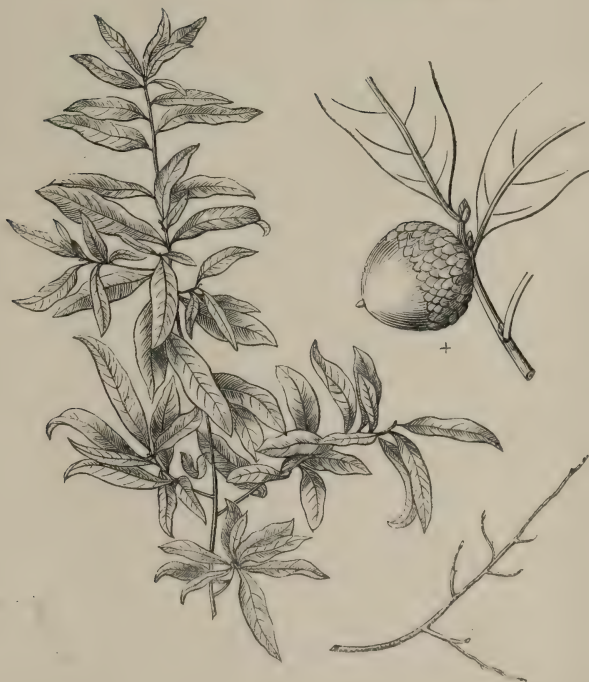


*Quercus Phellos latifolius.*  
The broad-leaved Willow Oak.

325



13 ft. high, 3½ in. diam.





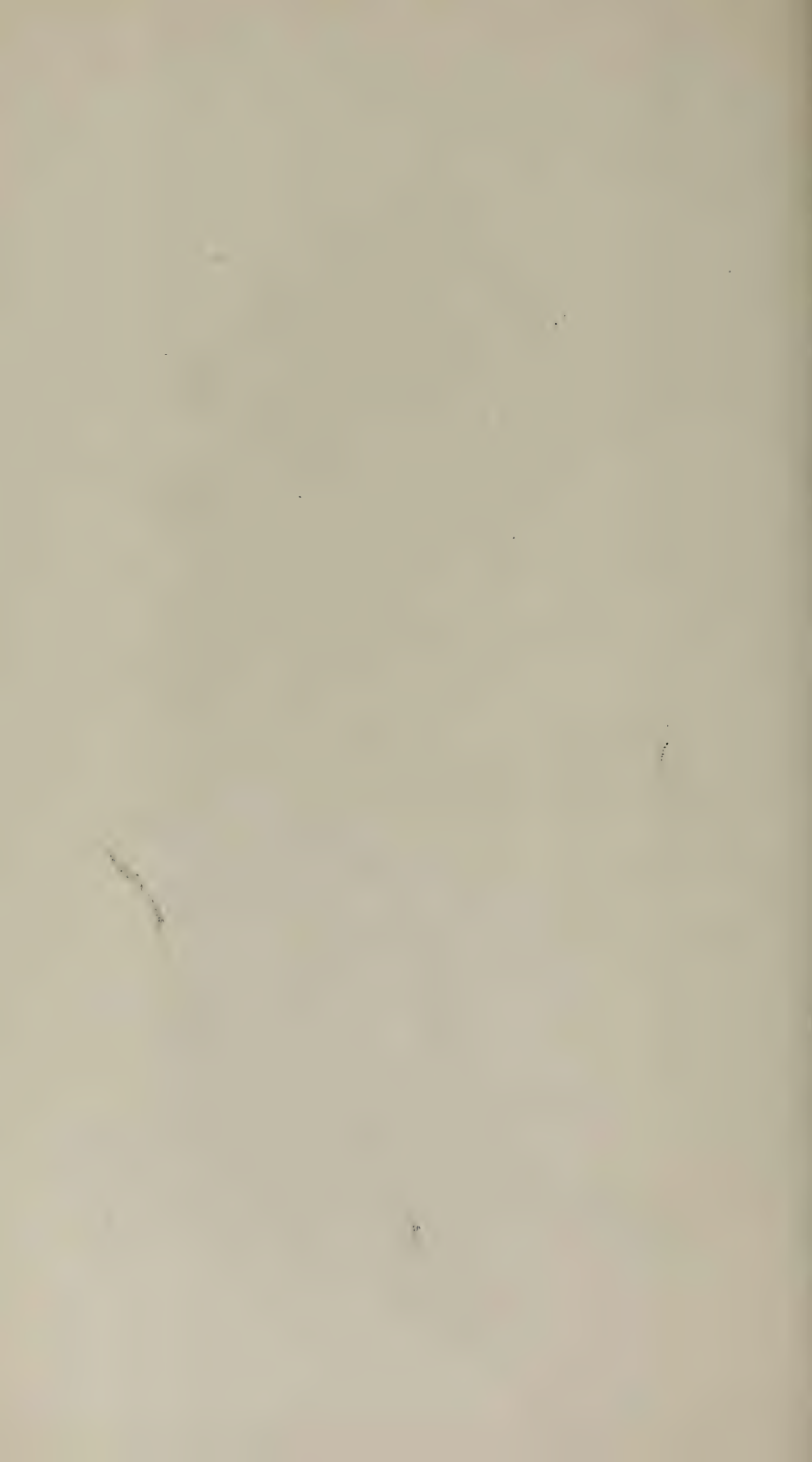


*Quercus Ilex.*

The Holly, or evergreen, Oak.



Full-grown tree at Syon ; 75 ft. high.  
[Scale 1 in. to 12 ft.]





17 ft. high, 6½ in. diam.







*Quercus Ilex longifolia.*

The long-leaved Ilex, or *Holm*, Oak.



13 ft. high, 4 in. diam.





*Quercus gramúntia.*  
The Grammont, or Spanish, Oak.



Full-grown tree at Purser's Cross; 42 ft. high, diam. of the trunk 2 ft., and of the head 30 ft.  
[Scale 1 in. to 12 ft.]





*Quercus Süber.*  
The Cork tree Oak.



Full-grown tree in the Fulham Nursery; 27 ft. high, diam. of the trunk 2 ft., and of the head 27 ft.  
[Scale 1 in. to 12 ft.]







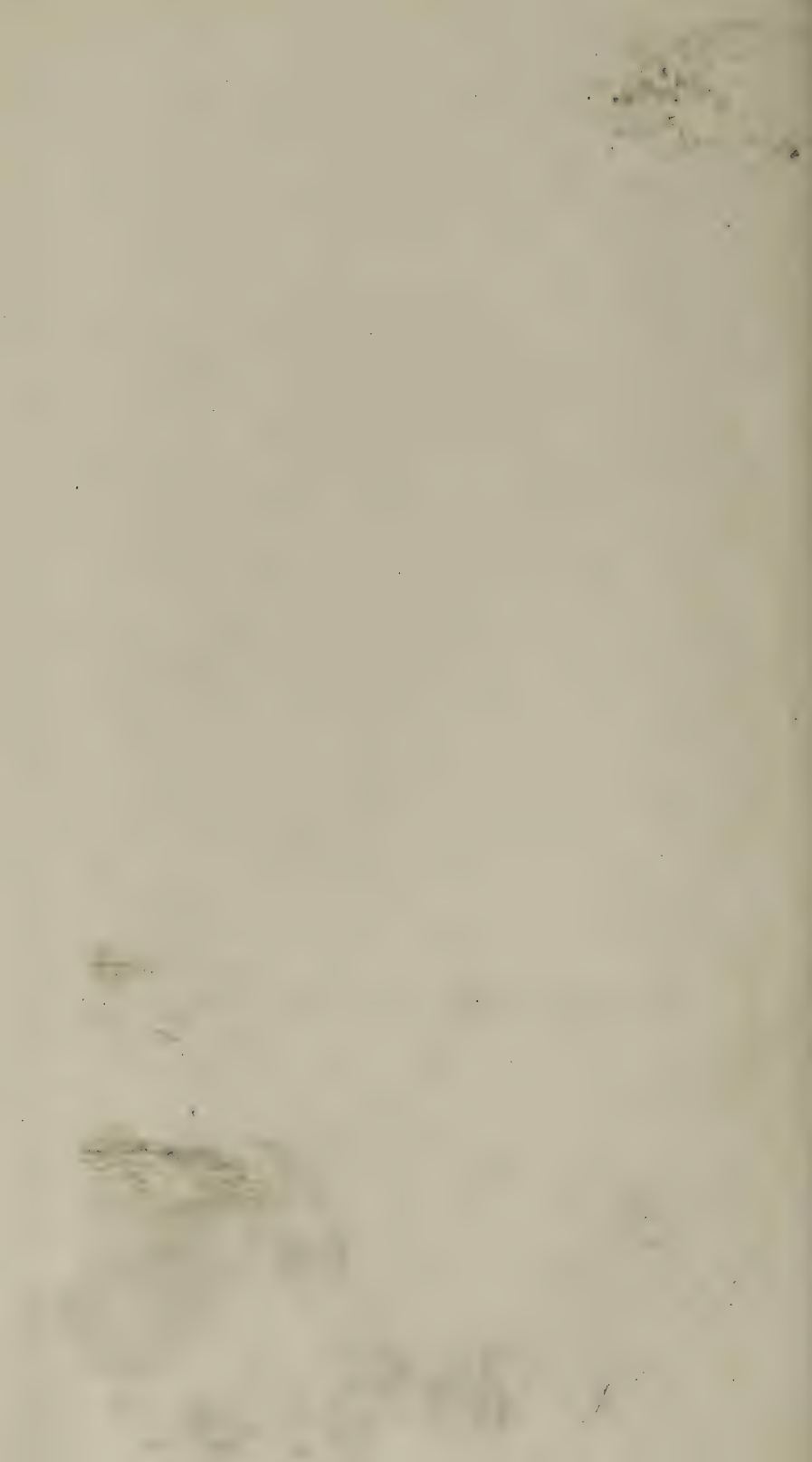
*Quercus Süber.*

The Cork tree.



Full-grown tree at Muswell Hill ; 40 ft. high, diam. of the trunk  $1\frac{1}{2}$  ft.  
[Scale 1 in. to 12 ft.]

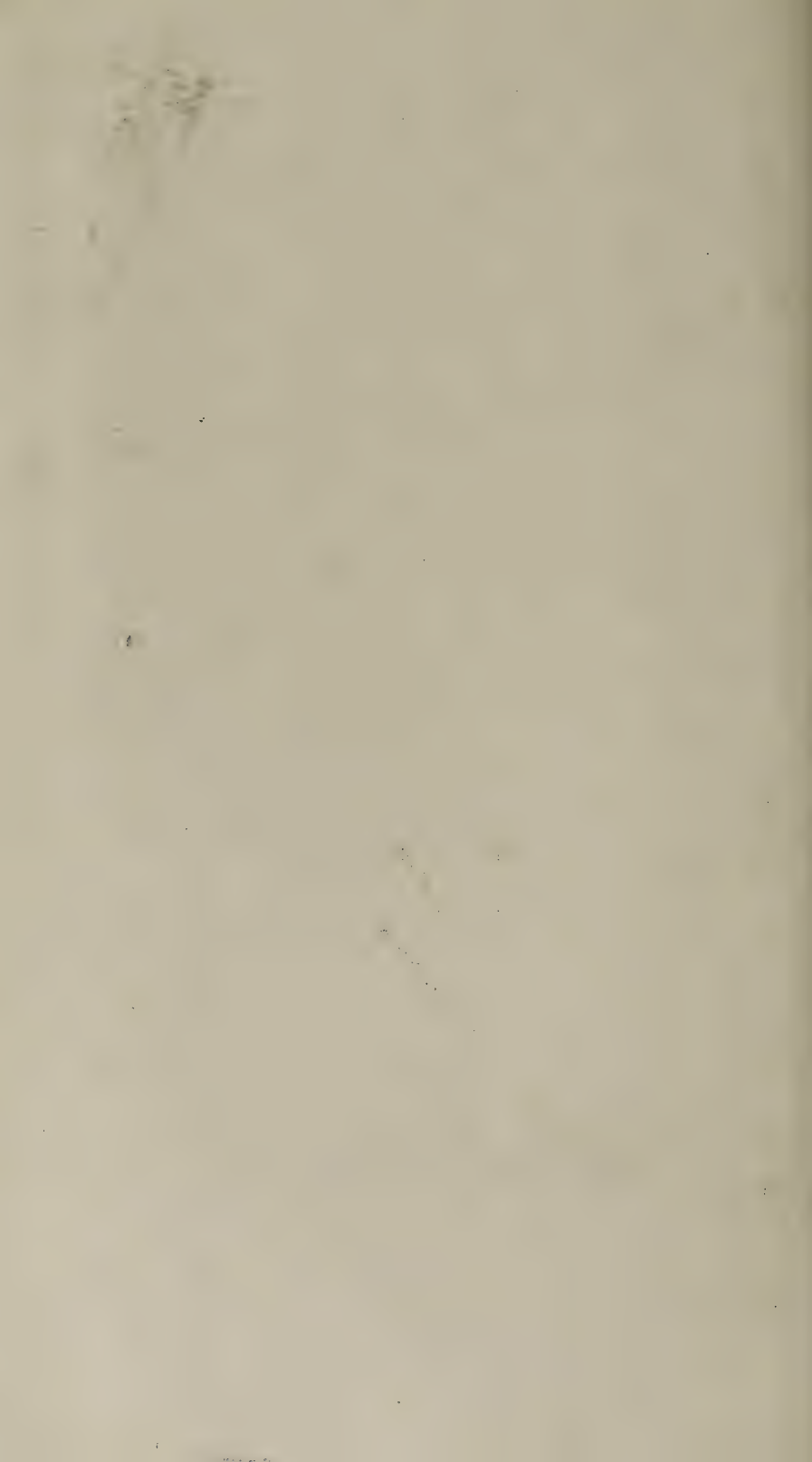




*Quercus Süber dentatum.*The toothed-*leaved* Cork tree.

Full-grown tree at Muswell Hill ; 50 ft. high, diam. of the trunk  $1\frac{1}{2}$  ft., and of the head 45 ft.  
[Scale 1 in. to 12 ft.]





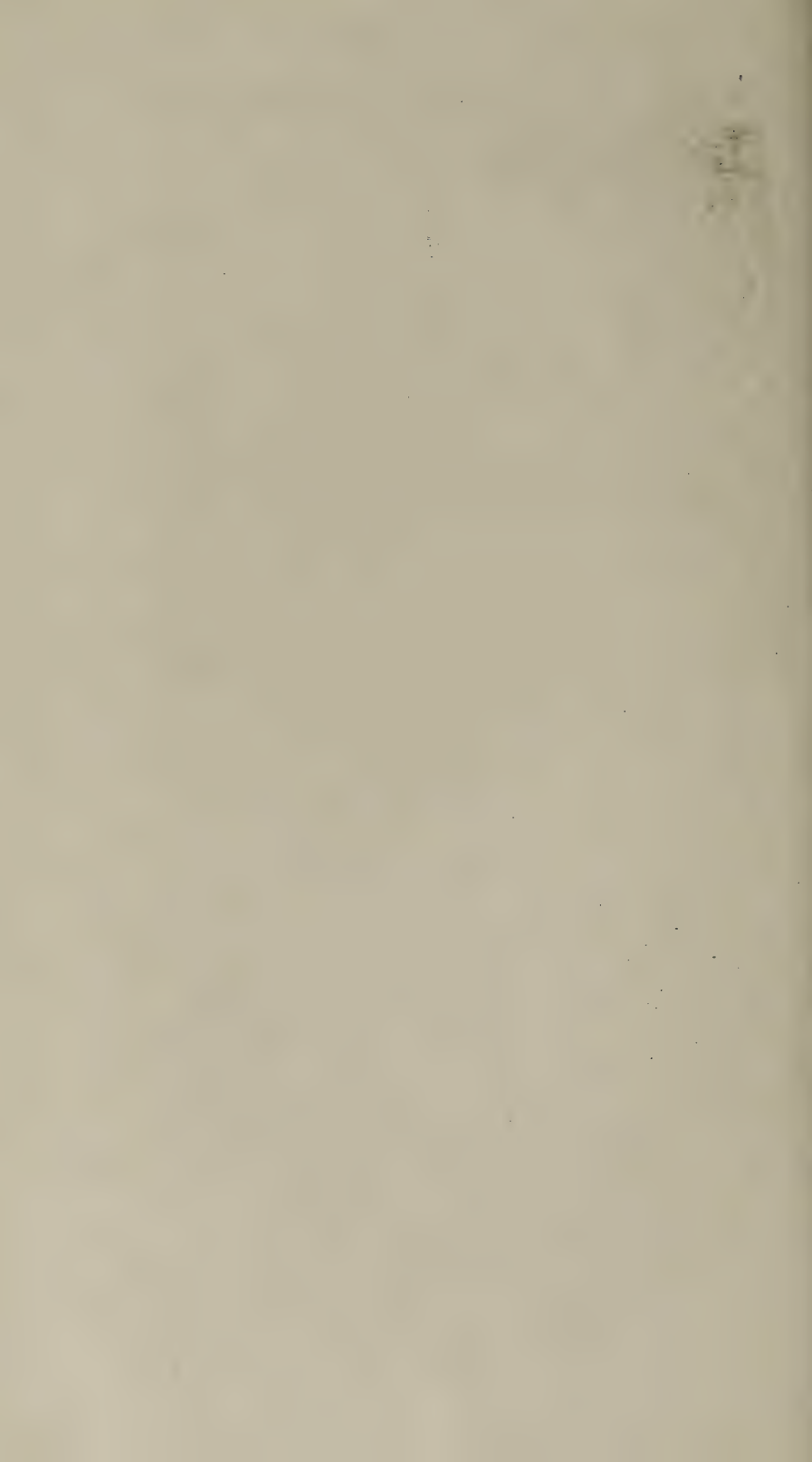


The green, or *Live*, Oak.



16 ft. high,  $2\frac{3}{4}$  in. diam.







22 ft. high, 6 in. diam.







*Fâgus sylvâtica cristâtâ* (syn. *crispa*).

The crested, or curled-leaved, wood Beech.



13 ft. high,  $2\frac{1}{2}$  in. diam.





*Fagus sylvatica pëndula.*

The pendulous-*branched* wood Beech.



14 ft. high,  $3\frac{1}{2}$  in. diam.







*Fagus sylvatica p ndula.*  
The pendulous-*branched* wood Beech.



Full-grown tree at Oundle ; 50 ft. high.  
[Scale 1 in. to 12 ft.]







18 ft. high, 8 in. diam.

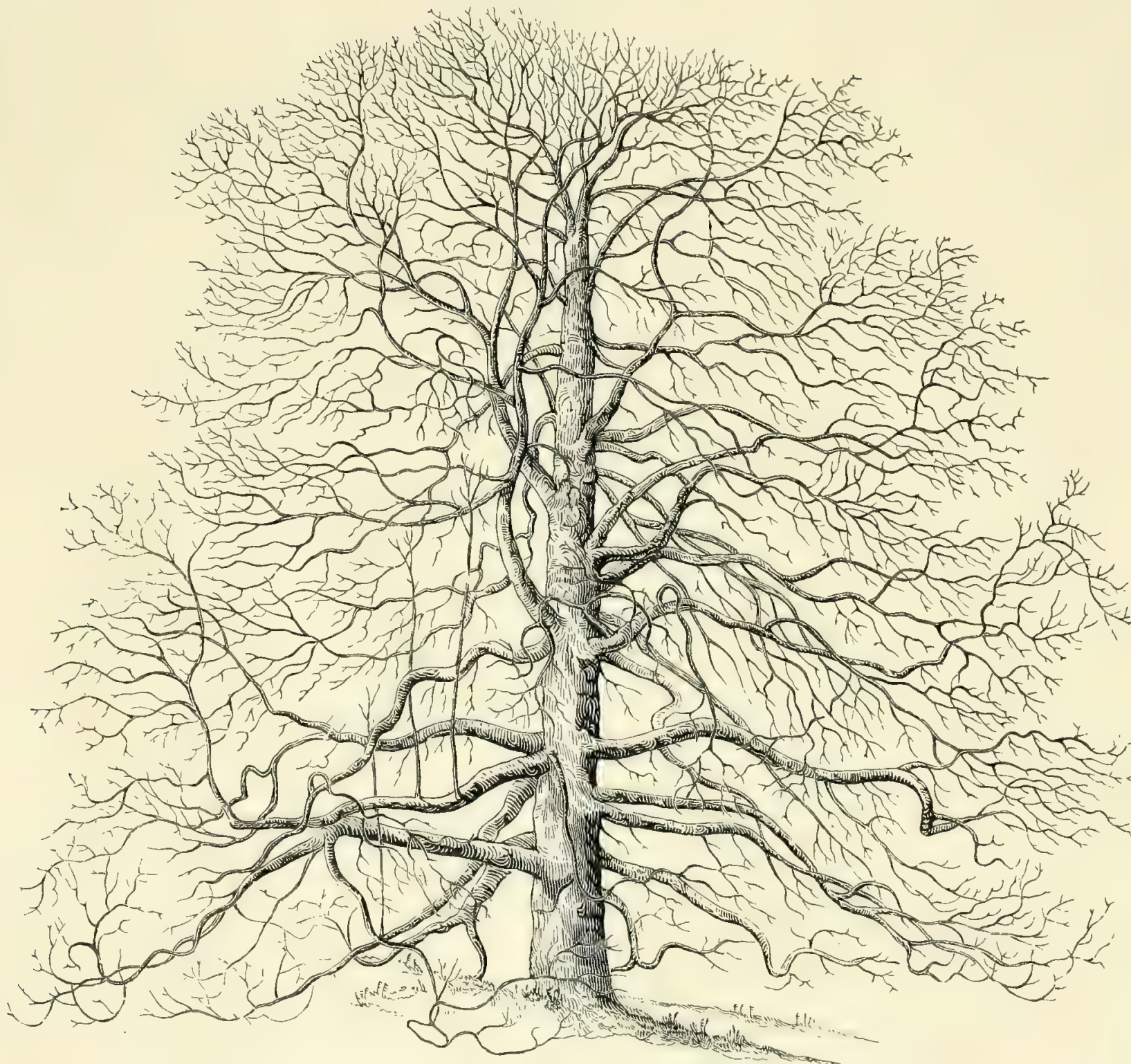






*Castanea vesca.*

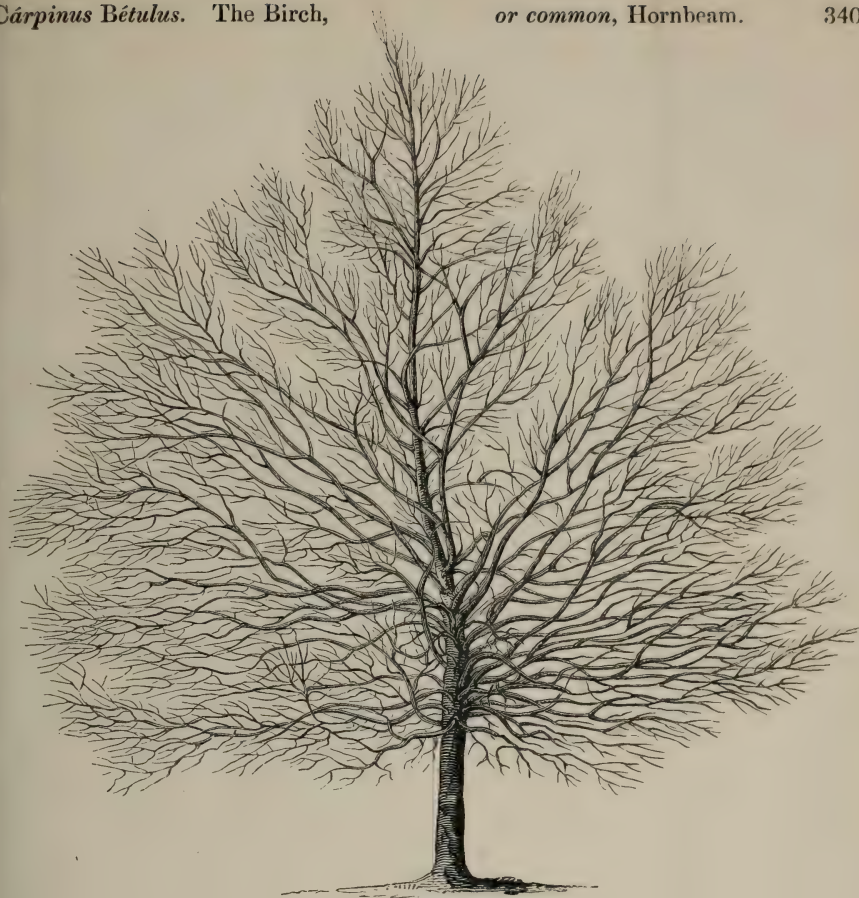
The eatable, or *Sweet*, Chestnut.



Full grown tree at Muswell Hill; 66 ft. high, diam. of the trunk 8 ft., and of the head 60 ft.  
[Scale 1 in. to 12 ft.]







17½ ft. high, 8 in. diam.





The Birch-like, or *common*, Hornbeam.



Full-grown tree at Chiswick Villa; 45 ft. high.  
[Scale 1 in. to 12 ft.]







The common Hop Hornbeam.



13 ft. high,  $5\frac{1}{2}$  in. diam.







Full-grown tree at Kew ; 66 ft. high, diam. of the trunk 3 ft., and of the head 54 ft.  
[Scale 1 in. to 12 ft.]







*Ostrya virginica.*  
The Virginian Hop Hornbeam.



10 ft. high, 4 in. diam.







The Constantinople Hazel.





The *Constantinople* Hazel.



Full-grown tree at Syon ; 61 ft. high.









18 ft. high, 9 in. diam.







19 ft. high, 5 in. diam.









20 ft. high, 6 in. diam.







*Plátanus orientàlis acerifolia.*

The Maple-leaved Oriental Plane tree.



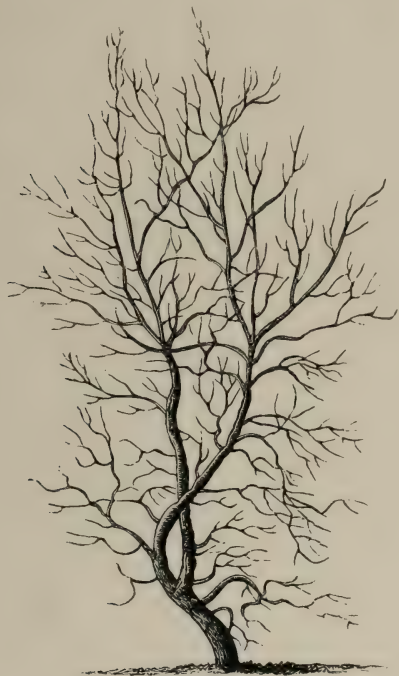
Full-grown tree at Elmhurst, Finchley ; 55 ft. 6 in. high, diam. of trunk 3 ft., and of head 38 ft.  
[Scale 1 in. to 12 ft.]





*Plátanus orientàlis cuneàta.*

The wedge-shaped-leaved Oriental Plane.



13 ft. high, 6 in. diam.









30 ft. high, 10 in. diam.



*Liquidambar styraciflua.*  
The Sweet Gum Liquidambar.



11 ft. high, 3 in. diam.





The Sweet Gum Liquidambar.



[Full-grown tree at Syon ; 59 ft. high.  
[Scale 1 in. to 12 ft.]







*Tárus baccàta.*

The berried, or common, Yew.

11 ft. high,  $3\frac{1}{2}$  in. diam.



The berried, or common, Yew.



Full-grown tree in Harlington Churchyard; 58 ft. high, diam. of trunk 9 ft., and of head 50 ft.  
[Scale 1 in. to 12 ft.]







*Táxus baccàta.*

The berried, or common, Yew.



Full-grown tree in Darley Churchyard, Derbyshire ; 55 ft. high,  
diameter of the trunk 19 ft. 3 in. at 6 ft. from the ground, and of the head 70 ft.  
[Scale 1 in. to 15 ft.]





*Tárus baccàta fastigiàta.*

The upright berried, or Irish, Yew.



11 ft. high, 4 in. diam.





*Salisburia adiantifolia.*

The Maiden-hair-leaved Salisburia, or *Ginkgo* tree.



14 ft. high,  $2\frac{1}{2}$  in. diam.







The Maiden-hair-leaved Salisburia, or *Ginkgo tree*.



The parent tree in the Mile End Nursery ; 57 ft. high, diam. of trunk 3 ft., and of head 45 ft.  
[Scale 1 in. to 12 ft.]











*Pinus sylvestris.*

The wood, or common Scotch, Pine.



Full-grown tree at Pain's Hill; 60 ft. high, diam. of the head 40 ft.  
[Scale 1 in. to 12 ft.]







Full grown tree at Muswell Hill; 70 ft. high, diam. of the trunk 4 ft. 6 in., and of the head 43 ft.

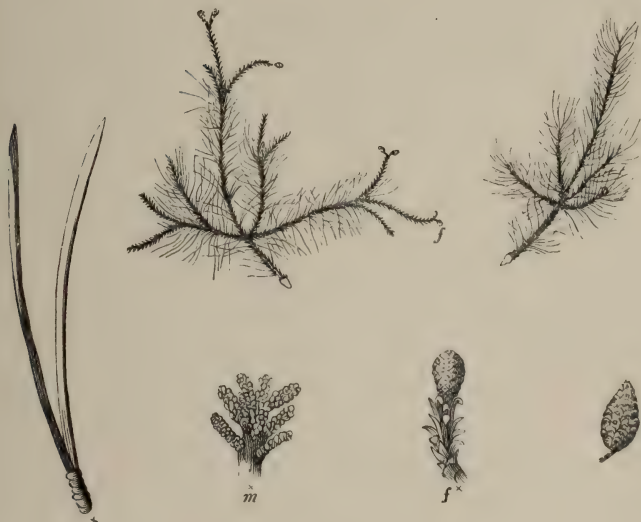




The Genevese wood Pine.

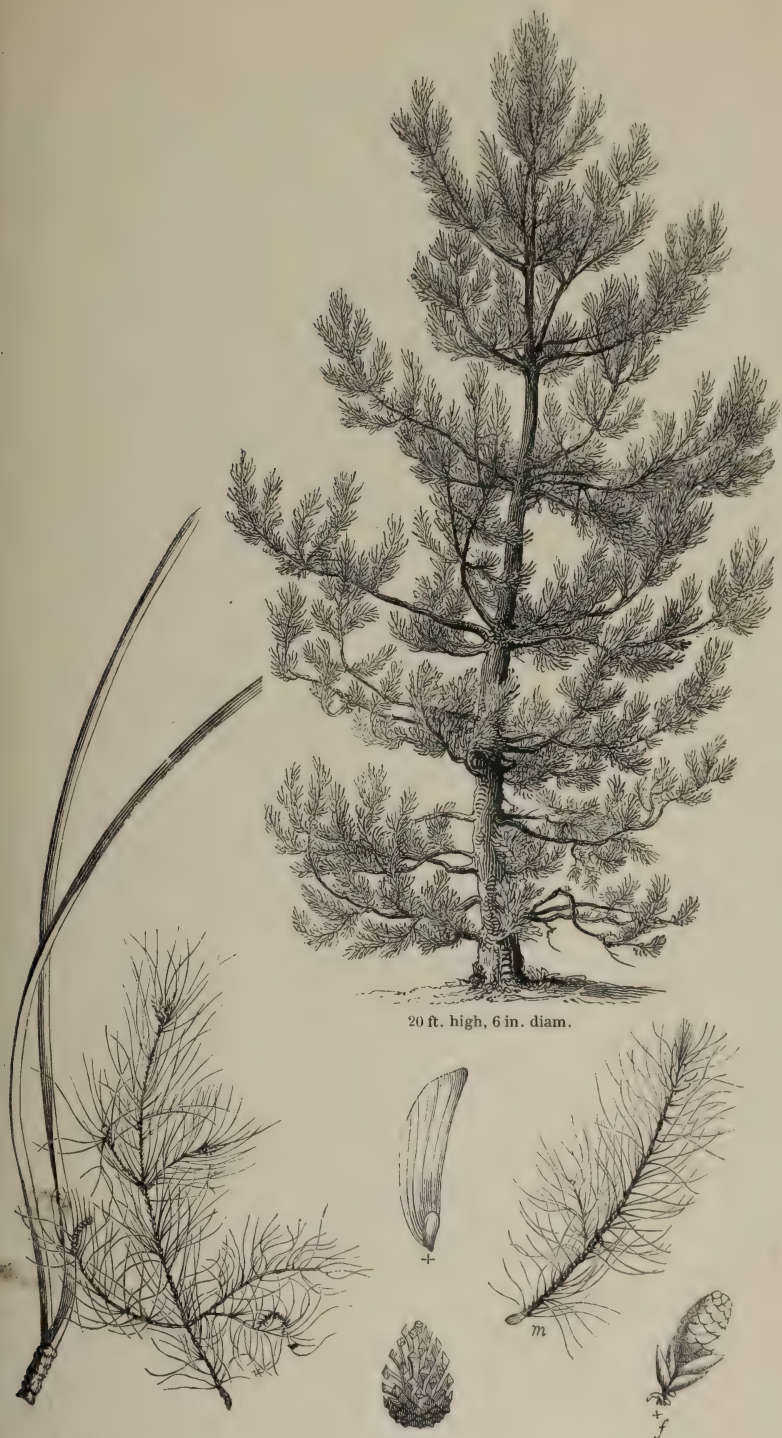


15 ft. high, 8 in. diam.













Full-grown tree at Kew : 85 ft. high.  
[Scale 1 in. to 12 ft.]





The *Taurian*, or Pallas's, Pine.



15 ft. high, 8 in. diam.





The Pinaster, or Cluster Pine.

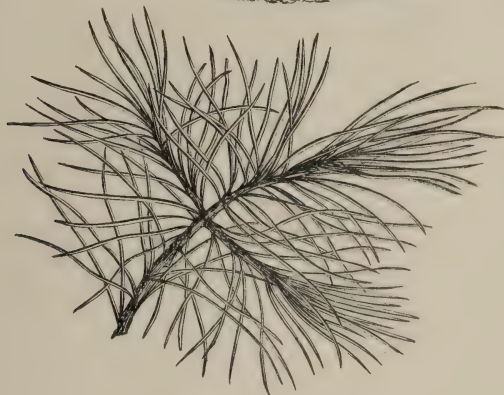








Full-grown tree at Hendon ; 70 ft. high,  
diam. of the trunk 2 ft., and of the head 50 ft.  
[Scale 1 in. to 12 ft.]



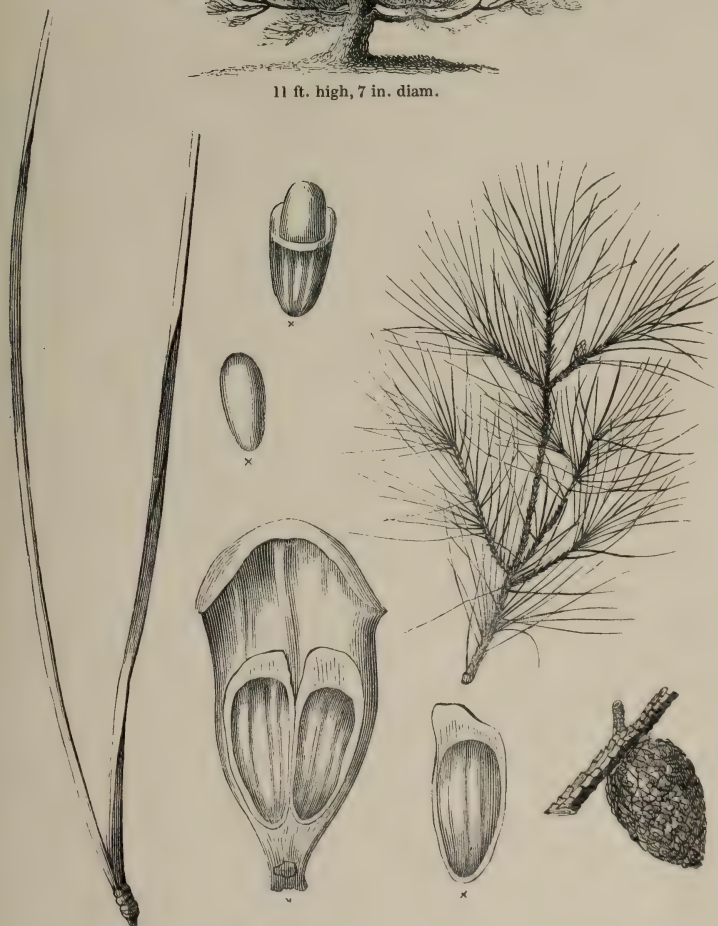




*The Stone, or Kernel, Pine.*



11 ft. high, 7 in. diam.







18 ft. high, 7 in. diam.







*Pinus Tæda.*  
The Frankincense Pine.



Full-grown tree at Syon; 75 ft. high.  
[Scale 1 in. to 12 ft.]



*Pinus rigida.*

The rigid, or *American Pitch*, Pine.



Tree at Dropmore ; 33 ft. high.  
[Scale 1 in. to 8 ft.]

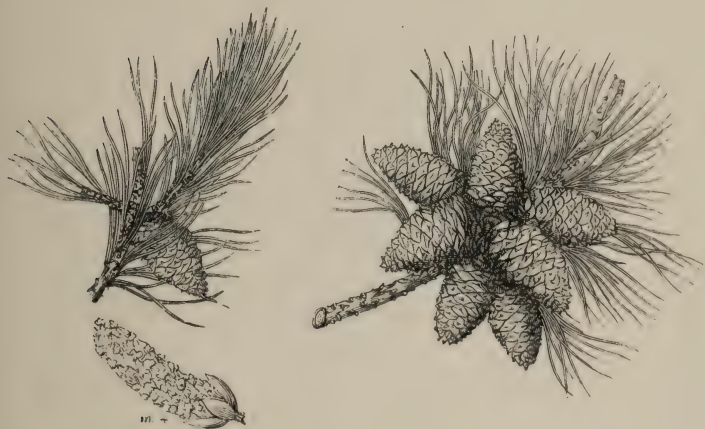




The rigid, or *American Pitch*, Pine.



Full-grown tree at Pain's Hill; 50 ft. high.  
[Scale 1 in. to 12 ft.]









Tree at Dropmore; 32 ft. high. [Scale 1 in. to 12 ft.]





*Pinus Cémbra.*  
The Cembran, or Siberian, Pine.



Full-grown tree at Kew ; 40 ft. high.  
[Scale 1 in. to 12 ft.]







The Strobus, or *Weymouth*, Pine.



16 ft. high, 6 in. diam.







18 ft. high, 3½ in. diam.







Full-grown tree at Syon; 93 ft. high.  
[Scale 1 in. to 12 ft.]







Full-grown tree at Studley ; 132 ft. high, diam. of the trunk 6½ ft., and of the head 39 ft.  
[Scale 1 in. to 24 ft.]







Full-grown tree at Studley ; 121 ft. high, diam. of the trunk 3 ft. 4 in., and of the head 46 ft. 6 in.  
[Scale 1 in. to 24 ft.]







*Abies álba.*  
The white Spruce Fir.



14 ft. high, 3½ in. diam.





*Abies Smithiana.*

Smith's, or the *Himalayan*, Spruce Fir.



13 ft. high, 4½ in. diam.











*Abies canadensis.*

The Canadian, or Hemlock Spruce, Fir.

11 ft. high,  $1\frac{1}{2}$  in. diam.



*Abies canadensis.*

The Canadian, or *Hemlock*, Spruce Fir.



Full-grown tree in Whitton Park ; 35 ft. high, diam. of the head 36 ft.  
[Scale 1 in. to 12 ft.]







The Canadian, or Hemlock, Spruce.



Full-grown tree at Studley ; 60 ft. high, diam. of the head 50 ft.  
[Scale 1 in. to 12 ft.]





The comb-like-leaved Silver Fir.



22 ft. high,  $3\frac{1}{2}$  in. diam.







*Picea pectinàta.*  
The comb-like-leaved  
Silver Fir.



Full-grown tree at Syon : 96 ft. high, diam. of the trunk  $2\frac{1}{2}$  ft.  
[Scale 1 in. to 12 ft.]





*Picea pectināta.*

The comb-like-*leaved*, or common, Silver Fir.



Full-grown tree at Roseneath ; 90 ft. high, diam. of the trunk 7 ft. 6 in., and of the head 66 ft.  
[Scale 1 in. to 24 ft.]





*Picea balsamifera.*

The balsam-bearing, or *Balm of Gilead*, Silver Fir.



14 ft. high,  $2\frac{1}{2}$  in. diam.









20 ft. high, 6 in. diam.



+



f +



m +



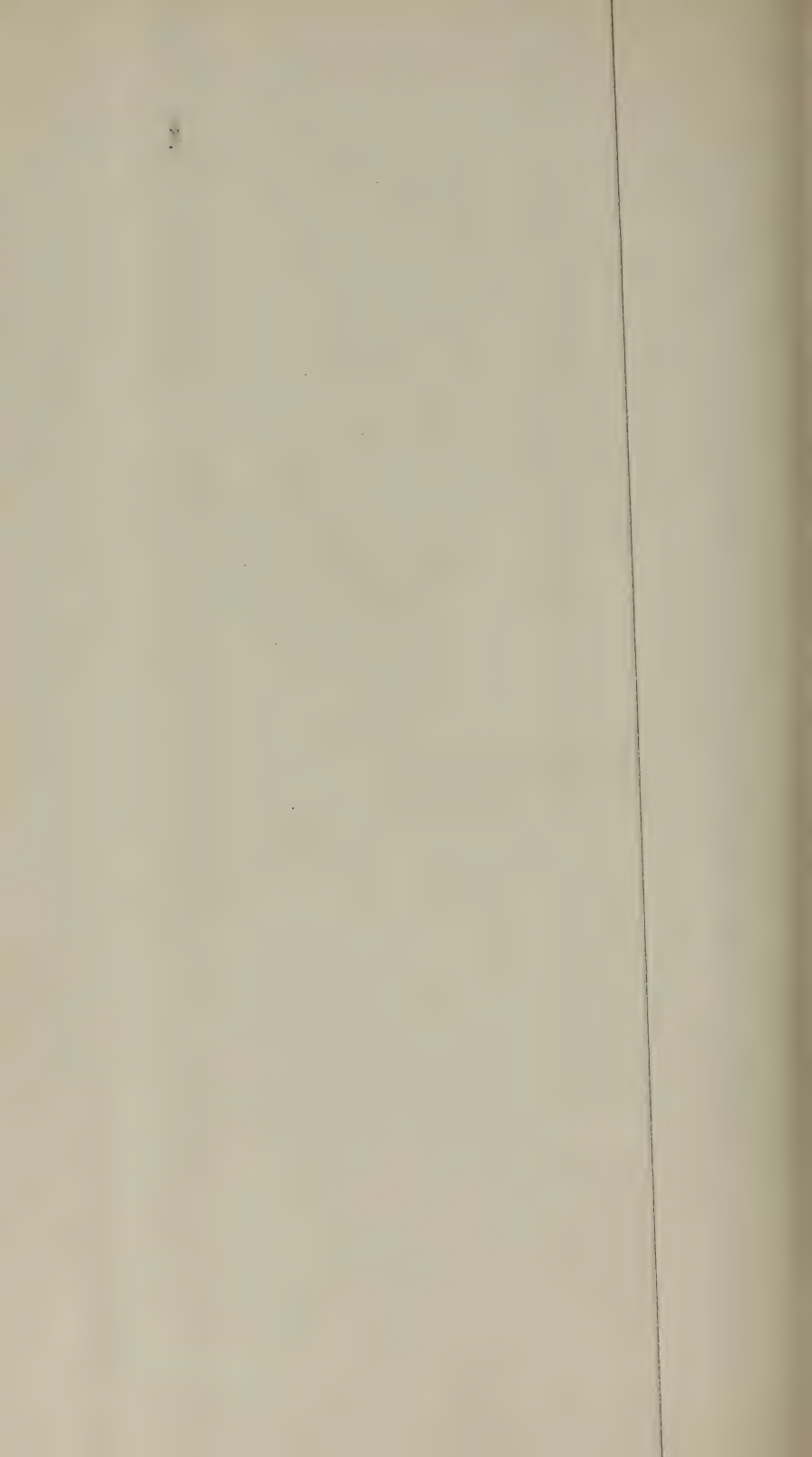
m + maq



The European, or common, Larch.



Full-grown tree at Kenwood ; 95 ft. high, diam. of the trunk 3 ft. 2 in.  
[Scale 1 in. to 12 ft.]





The red-coned American Larch.



17 ft. high, 4 in. diam.







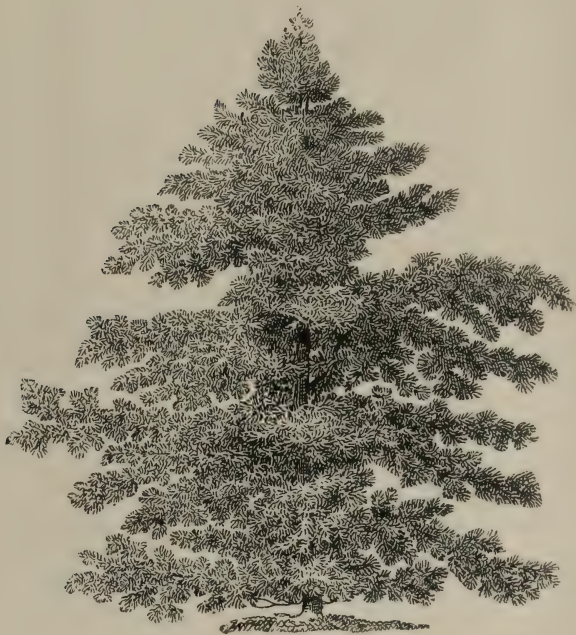


Full-grown tree at Syon ; 67 ft. high, diam. of the trunk 1 ft. 3 in., and of the head 35 ft.  
[Scale 1 in. to 12 ft.]

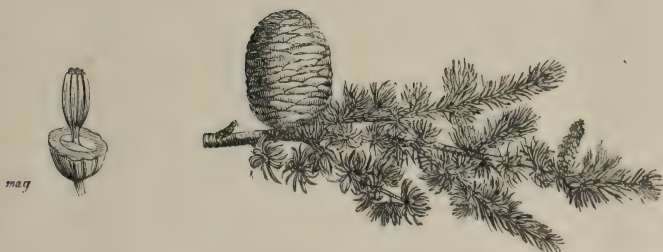




*Cèdrus Libàni.*  
The Cedar of Lebanon.



15 ft. high,  $3\frac{1}{2}$  in. diam.







*Cèdrus Libàni.*  
The Cedar of Lebanon.



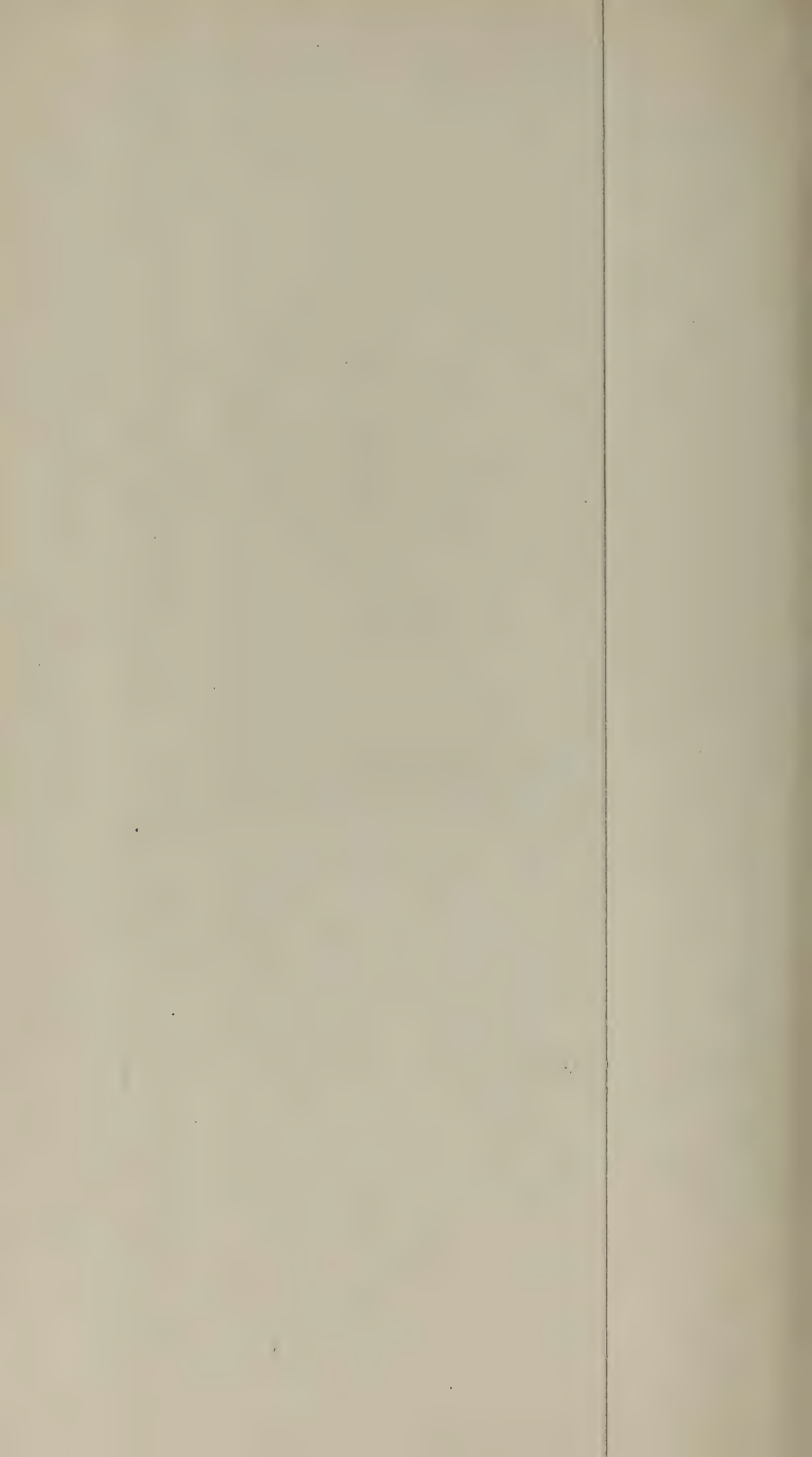
Full-grown tree at Syon ; 72 ft. high, diam. of the trunk 8 ft., and of the head 117 ft.  
[Scale 1 in. to 12 ft.]







Full-grown tree at Kenwood ; 90 ft. high.  
[Scale 1 in. to 12 ft.]





*Cèdrus Libàni.*  
The Cedar of Lebanon.



Full grown tree at Foxley, planted by Sir Uvedale Price ; 50 ft. high,  
diam. of the trunk 4 ft., and of the head 50 ft.  
[Scale 1 in. to 12 ft.]







*Cèdrus Libāni var. glāuca.*

The glaucous-leaved, or *Silver*, Cedar.



Full-grown tree at Thomson's Villa, Richmond ; 25 ft. high, diam. of the head 40 ft.  
[Scale 1 in. to 12 ft.]



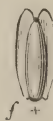


*Thûja occidentâlis.*

The Western, or American, Arbor Vitæ.



12 ft. high, 3 in. diam.





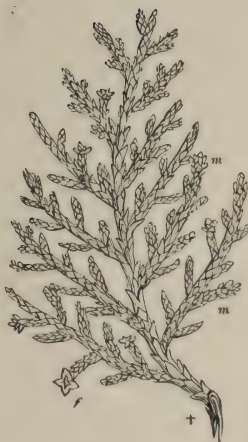


*Thuja orientalis stricta.*

The upright Eastern, or Chinese, Arbor Vitæ.



14 ft. high, 4 in. diam.

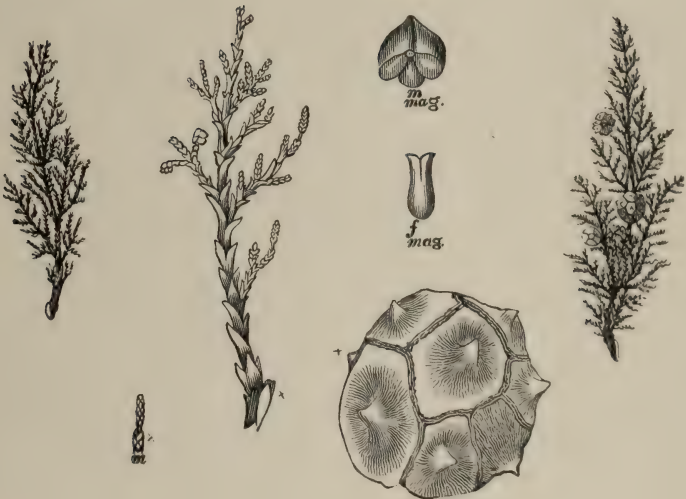
m  
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The *common*, or evergreen, Cypress.



15 ft. high, 3 in. diam.





*Cuprèssus sempervirens horizontalis.*

The spreading evergreen Cypress.



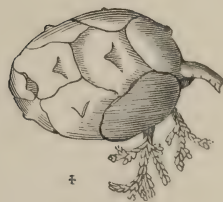
12½ ft. high, 3½ in. diam.



m +



f +



z





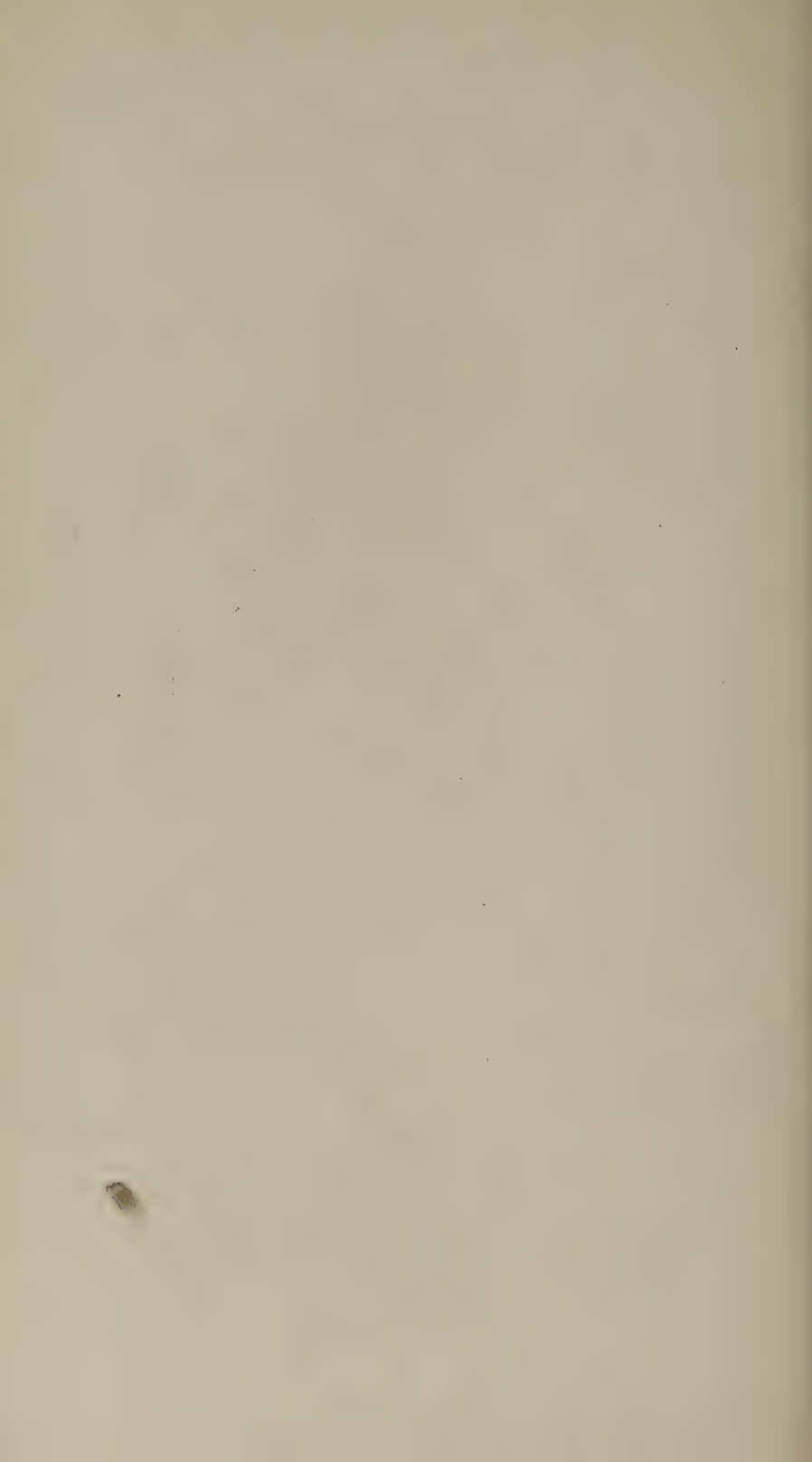
*Cupr ssus lusit nica.*

The Portugal Cypress, or the Cedar of Goa.



12 ft. high, 3½ in. diam.



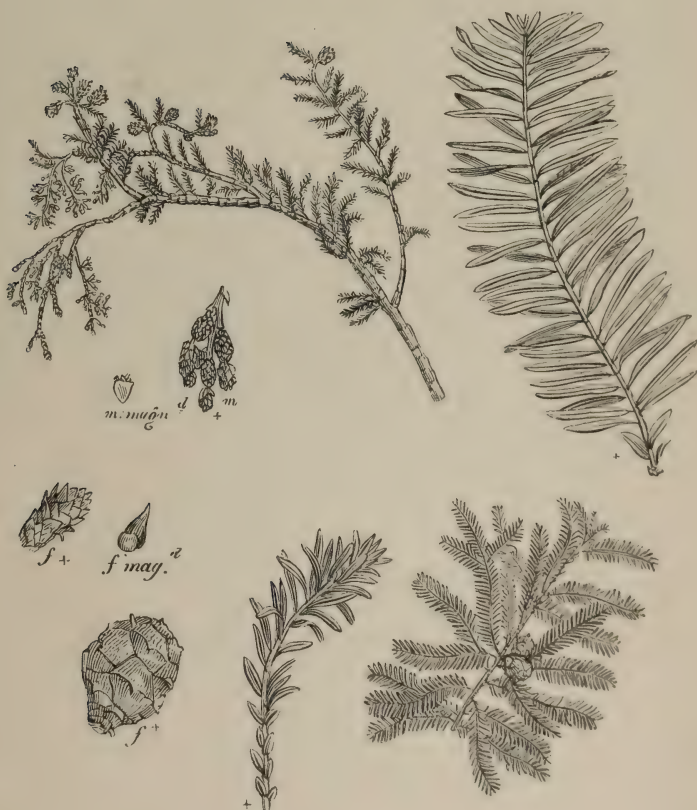


*Taxodium distichum.*

The two-rowed-leaved *Taxodium*, or *Deciduous Cypress*.



9 ft. high,  $1\frac{1}{2}$  in. diam.







The two-rowed-leaved *Taxodium*, or *Deciduous Cypress*.



Full-grown tree at Syon ; 68 ft. high, diam. of the trunk  $3\frac{1}{2}$  ft., and of the head 46 ft.





*Juniperus phœnicea.*  
The Phœnician Juniper.

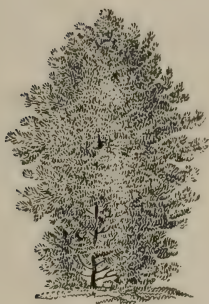


11 ft. high,  $3\frac{1}{2}$  in. diam.





*Juniperus phœnicea.*  
The Phœnician Juniper.



Full-grown tree at Syon ; 18 ft. high, diam. of the trunk 6 in., and of the head 14 ft.  
[Scale 1 in. to 12 ft.]







The Virginian Juniper, or Red Cedar.



13 ft high, 3½ in diam.



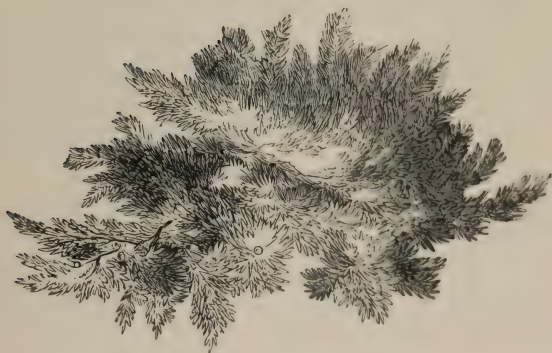


*Juniperus virginiana.*

The Virginian Juniper, or *Red Cedar*.



Full-grown tree at Syon ; 36 ft. high, diam. of the trunk  $1\frac{1}{2}$  ft., and of the branches 25 ft.  
[Scale 1 in. to 12 ft.]







*Juniperus chinensis* (syn. *excelsa*.)

The tall Juniper.



13 ft. high, 3 in. diam.





# GENERAL INDEX

TO

## THE PLATES.



# GENERAL INDEX TO THE PLATES.

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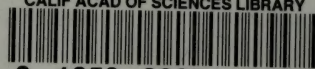








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